

FIG.1

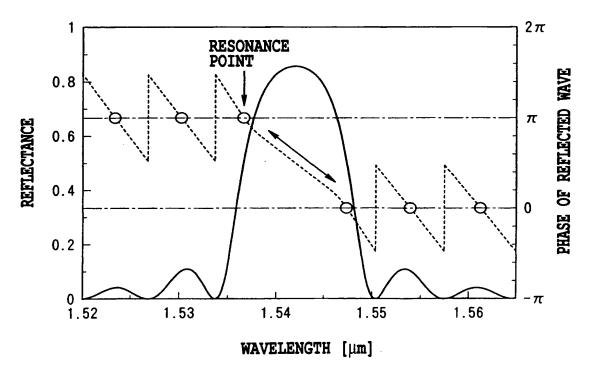


FIG.2

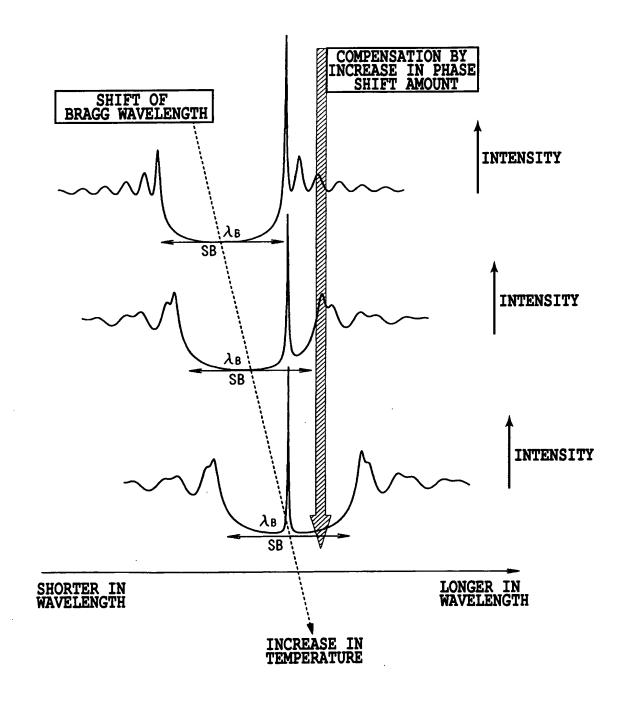
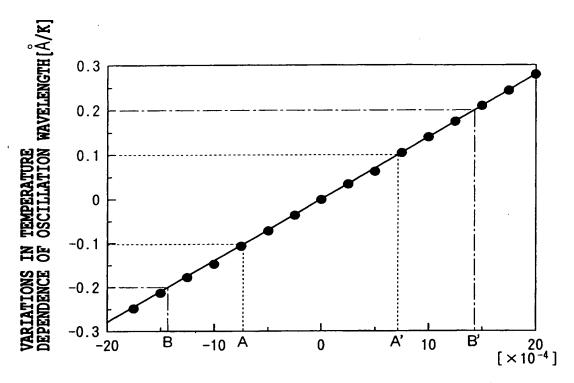


FIG.3



PRODUCT OF TEMPERATURE COEFFICIENT DIFFERENCE OF REFRACTIVE INDEX AND LENGTH OF WAVEGUIDE $[\mu\text{m}/K]$

FIG.4

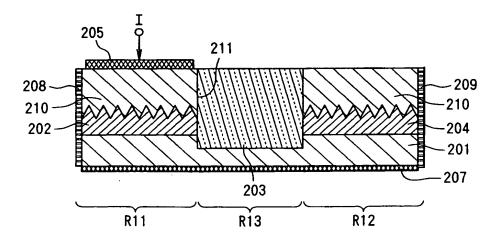


FIG.5

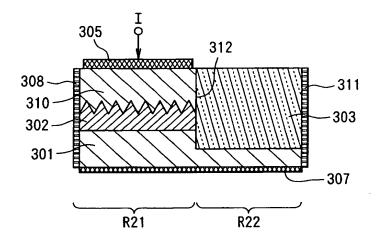


FIG.6

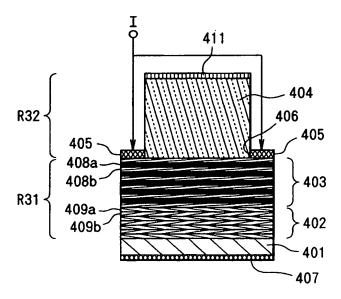


FIG.7

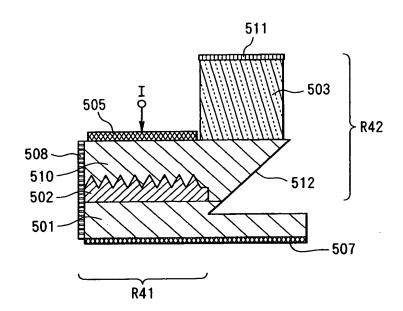


FIG.8

6/25

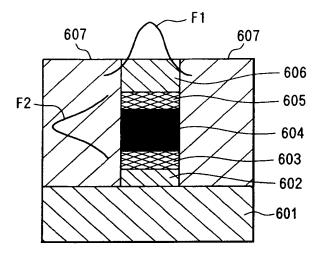


FIG.9A

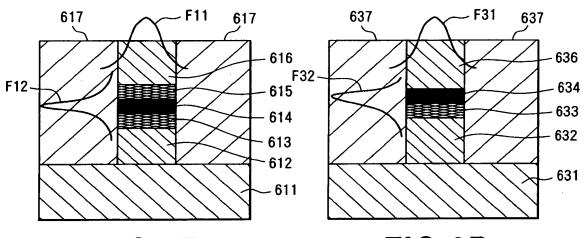


FIG.9B

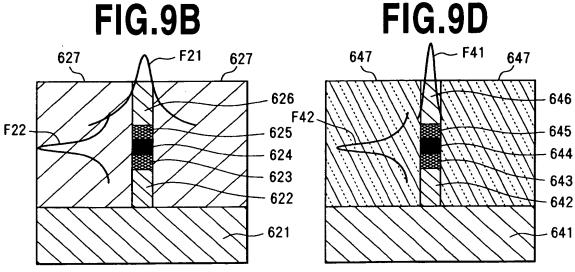


FIG.9C

FIG.9E

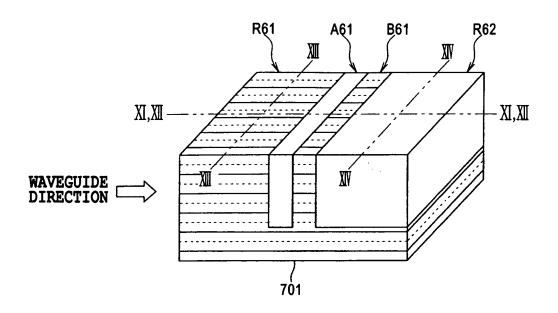


FIG.10

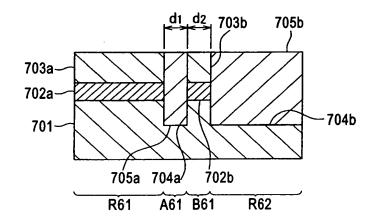


FIG.11

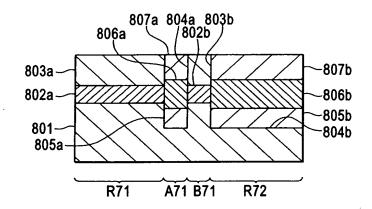


FIG.12

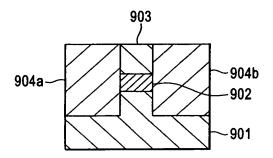


FIG.13

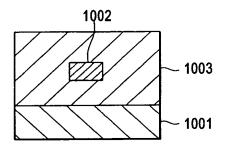
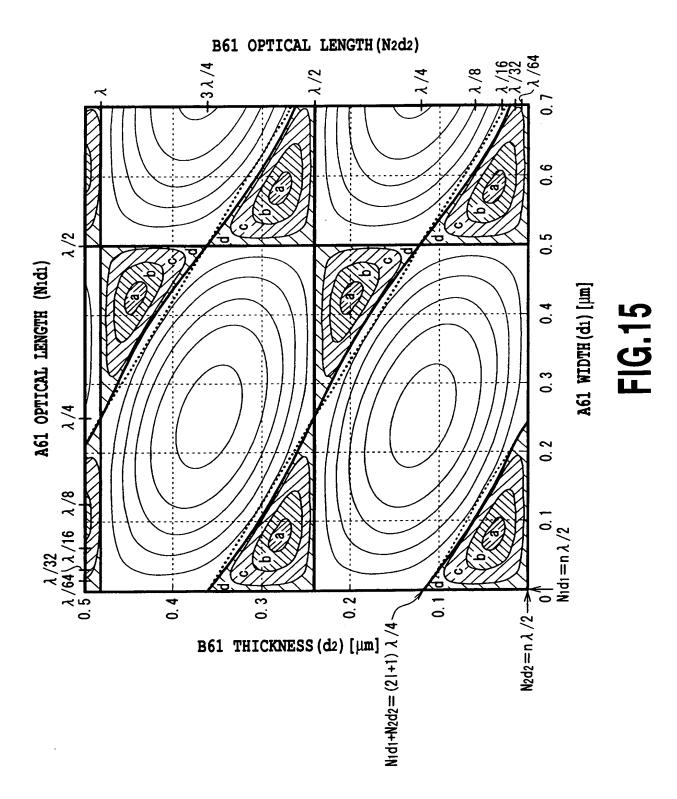


FIG.14



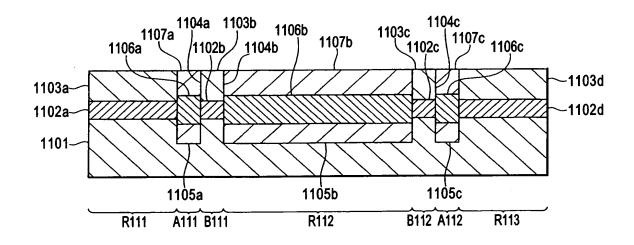


FIG.16

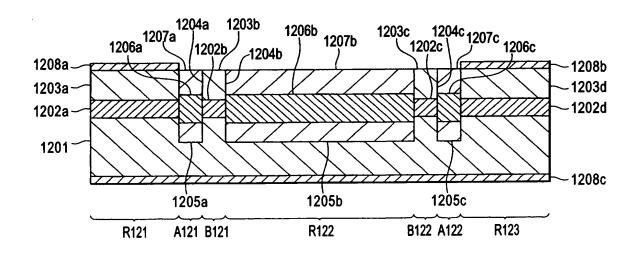


FIG.17

12/25

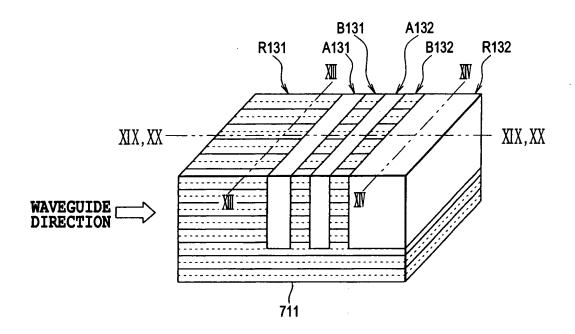


FIG.18

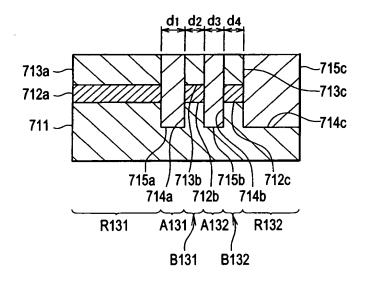


FIG.19

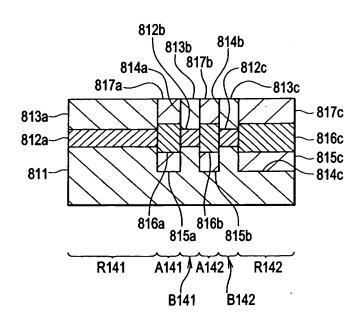
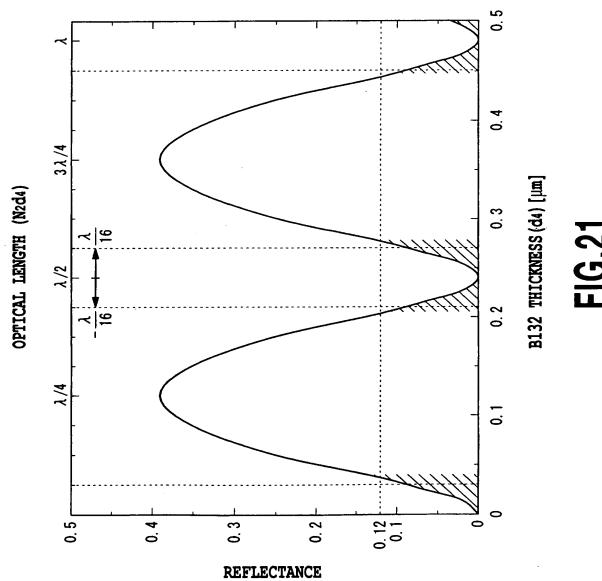
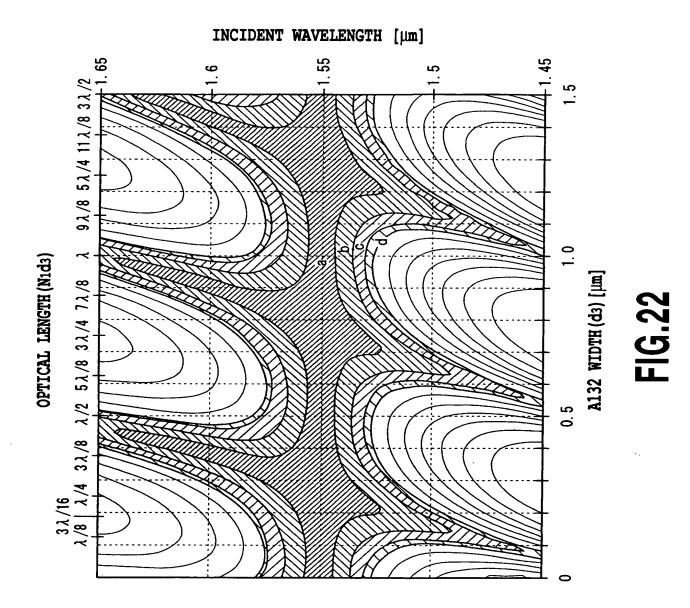


FIG.20





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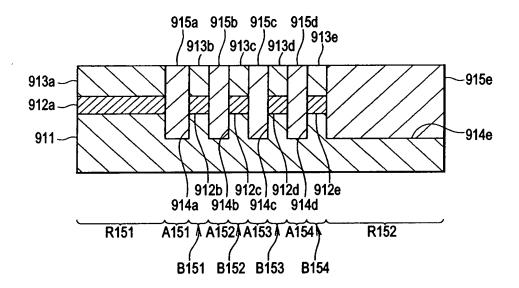


FIG.23

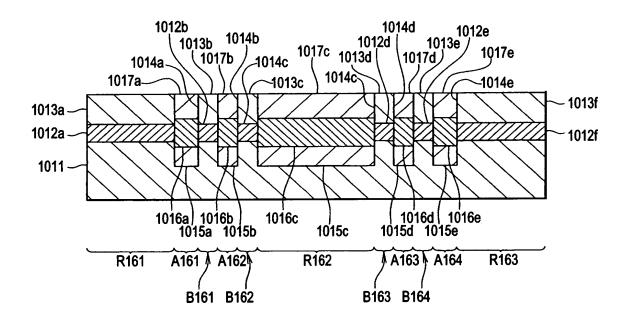


FIG.24

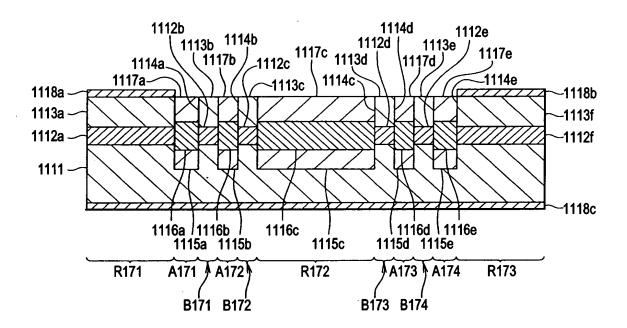


FIG.25

19/25

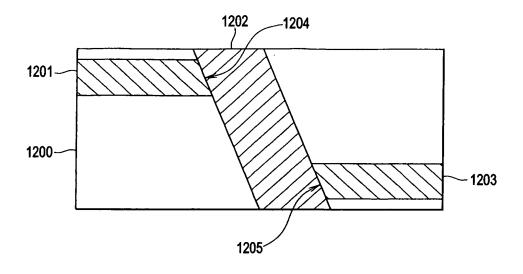


FIG.26

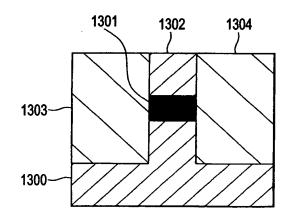


FIG.27

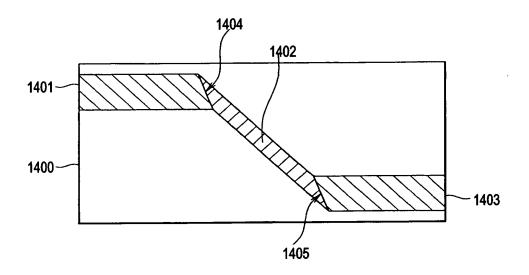


FIG.28

21/25

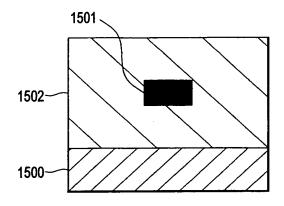


FIG.29

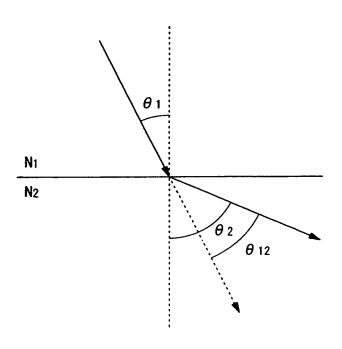
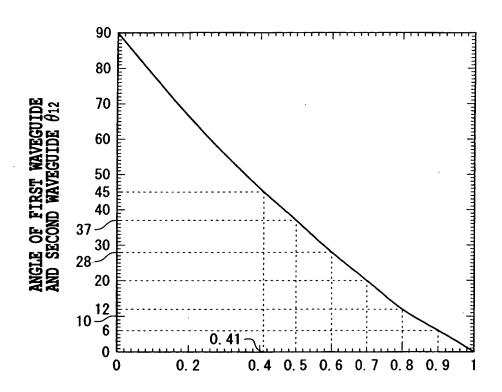


FIG.30



REFRACTIVE INDEX RATIO N2/N1

FIG.31

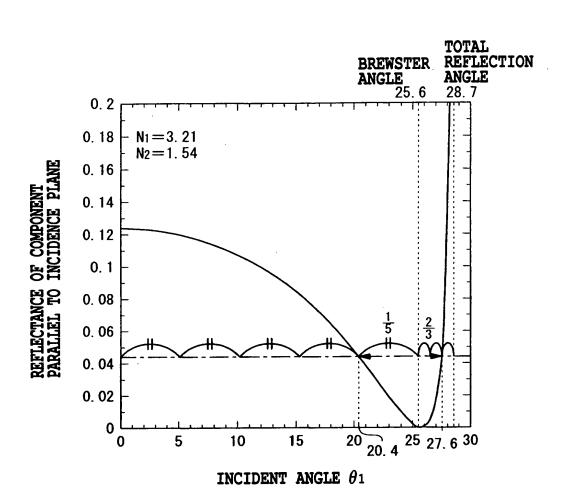


FIG.32

24/25

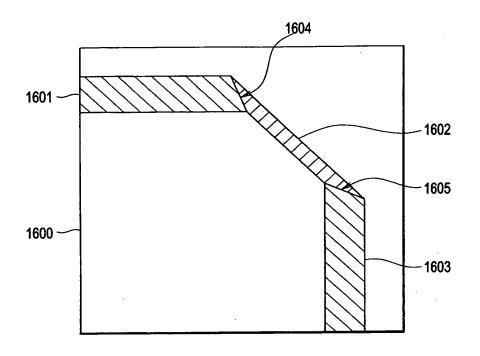


FIG.33

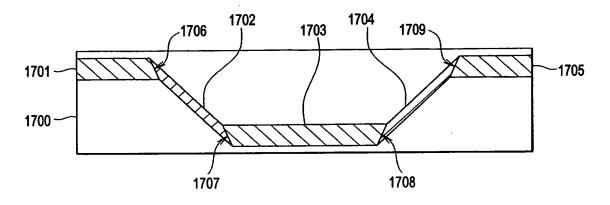


FIG.34

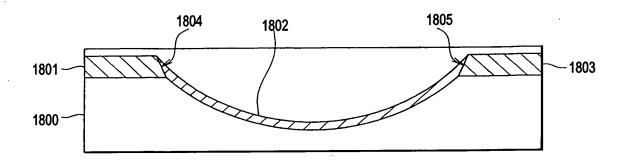


FIG.35

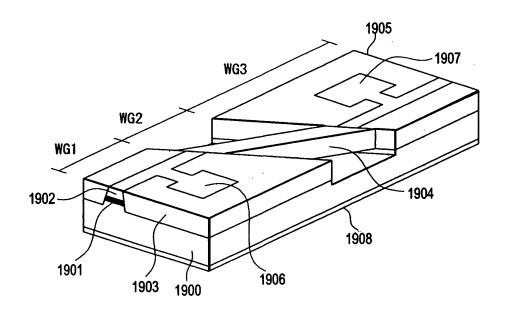


FIG.36